



For Office Use Only:  
Work Request # \_\_\_\_\_

PPD/Electrical Engineering Department

## Work Request Form

Requestor Alan Stone Group/Project D0 Run IIB L1 trigger

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Date of Request 28 APR 2004 Date Required By 01 JUL 2004

Request accepted by J.T. Anderson Project/Task # \_\_\_\_\_  
(If needed)

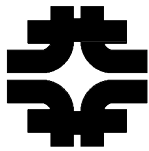
Request: *(attach any documents that will clarify the job)*

1. Measure and determine appropriate termination required to connect existing Calorimeter pickoff signal cables (ribbon coax) to new L1 Cal Trig boards. New boards plan to use a double shielded twisted pair cable configuration.
2. After determining correct connection/termination scheme, develop patch panel to connect old cables to new cables with appropriate termination.
  - 2.1. Patch panel is also to provide easily accessible test points for end user scope probe connection.
3. Manufacture and install 5 patch panels into D0 movable counting house. Installation to include connection of all cables.

Supplementary documentation available at

[http://www.pa.msu.edu/hep/d0/ftp/run2b/l1cal/hardware/adf\\_2/general/bls\\_to\\_adf\\_backup\\_lane\\_extension\\_cables.txt](http://www.pa.msu.edu/hep/d0/ftp/run2b/l1cal/hardware/adf_2/general/bls_to_adf_backup_lane_extension_cables.txt)

[http://dzero.phy.uic.edu/mario/trigger/Run\\_IIB\\_L1CAL\\_Cabling.pdf](http://dzero.phy.uic.edu/mario/trigger/Run_IIB_L1CAL_Cabling.pdf)



**Fermilab**

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Describe any unusual hazards: (radiation, waste, other environmental problems)

Assigned to request \_\_\_\_\_

Assignment Notes \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Start Date \_\_\_\_\_

Completion Date \_\_\_\_\_